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Tysons, VA 22102

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& SACHS LLP

June 27, 2017

VIA HAND DELIVERY

Marlene H. Dortch, Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, S.W., Room TW-A306
Washington, DC 20554

Accepted / Filed

ORIGINAL

JUN 27 2017

Federal Communications Commission
Office of the Secretary

**Re: WT Docket No. 10-208
Union Telephone Company
FCC Form 690 Mobility Fund Phase I Annual Report
SAC(s): 518001, 518002, 518003, 518004, 518005, and 518006**

DOCKET FILE COPY ORIGINAL

Dear Secretary Dortch:

Please find attached a copy of each FCC Form 690 Mobility Fund Phase I Annual Report ("FCC Form 690") submitted with the Universal Service Administrative Company (USAC) by Union Telephone Company pursuant to Section 54.1009 of the Commission's rules. Copies of the FCC Form 690 are also being submitted with the relevant state Commission.

A copy of this cover letter has been provided, which you are requested to date-stamp and return.

Sincerely,



Todd Slamowitz

Attachments

No. of Copies rec'd 0+4
List ABCDE

<010> Study Area Code	518001
<015> Study Area Name	Union Telephone Company
<020> Program Year	2017
<030> Contact Name: Person USAC should contact with questions about this data	Chris Reno
<035> Contact Telephone Number: Number of the person identified in data line <030>	3077826131 ext.
<039> Contact Email: Email of the person identified in data line <030>	creno@unionwireless.com

Accepted / Filed

JUN 27 2017

**Federal Communications Commission
Office of the Secretary**

<040> Has the information required pursuant to §54.1009 been provided with a Form 481 filing (Y/N) ☒ ☐ **<040>**

<041> Attach a description of the documents filed with the Form 481 reporting	<041> 508001-Line 041.pdf
<042> Cite the Study Area Code (SAC) for the Form 481 reporting	<042> 519905

<080> Tribal Lands Reporting (y/n?) *(Does this study area cover tribal lands? Yes or No)* ☐ ☒

Notice to Individuals Required by the Paperwork Reduction Act of 1995
OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements)
Notice to Individuals Required by the Paperwork Reduction Act of 1995
Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PER, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please **DO NOT SEND COMPLETED FORMS TO THIS ADDRESS**. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.
THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

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<020>	Program Year	2017
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<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@unionwireless.com

Reporting Carrier / Mobility Fund Phase 1 Winning Bidder

<110>	FCC Registration Number	1630201
<111>	Filing Carrier Name	UNION TELEPHONE COMPANY
<112>	Winning Bidder Carrier Name	UNION TELEPHONE COMPANY
<113>	Street Address (or PO Box)	PO BOX 160
<114>	City	MOUNTAIN VIEW
<115>	State	WY
<116>	Zip-Code	82939
<117>	Telephone Number	3077826131 ext.
<118>	Fax Number	3077826913
<119>	Email Address	CRENO@UNIONWIRELESS.COM

Contact Information

if same as above, indicate in this box



<120>	Name (First, MI, Last, Suffix)	CHRIS RENO
<121>	Filing Carrier Name	UNION TELEPHONE COMPANY
<122>	Street Address (or PO Box)	PO BOX 160
<123>	City	MOUNTAIN VIEW
<124>	State	WY
<125>	Zip-Code	82939
<126>	Telephone Number	3077826131 ext.
<127>	Fax Number	3077826913
<128>	Email Address	CRENO@UNIONWIRELESS.COM

Authorized Agent Information

if no agent, indicate in this box



<130>	Name (First, MI, Last, Suffix)	
<131>	Company	
<132>	Street Address (or PO Box)	
<133>	City	
<134>	State	
<135>	Zip-Code	
<136>	Telephone Number	
<137>	Fax Number	
<138>	Email Address	

FCC Form 690
Approved by OMB
OMB Control No. 3060-1185
Page 3 of 8

060 Coverage and Performance Report.zip

<141>

[illegible]

0

84

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TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

Certification of Officer or Employee as to Compliance with 47 CFR §54.1009(a)(4)	
I certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this form and in any attachments is accurate.	
Name of Reporting Carrier:	Union Telephone Company
Signature of Authorized Officer:	CERTIFIED ONLINE Date 06/26/2017
Printed name of Authorized Officer:	Chris Reno
Title or position of Authorized Officer:	Director of Accounting
Telephone number of Authorized Officer:	3077826131 ext.
Study Area Code of Reporting Carrier:	518001 Filing Due Date for this form: 07/03/2017
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.	

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

Certification of Officer or Employee to authorize an Agent to file Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier	
I certify that (Name of Agent) _____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.	
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer or Employee:	Date:
Printed name of Authorized Officer or Employee:	
Title or position of Authorized Officer or Employee:	
Telephone number of Authorized Officer or Employee:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
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TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized to File Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier	
I, as agent for the reporting carrier, certify that I am authorized to submit the certification on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.	
Name of Reporting Carrier:	
Name of Authorized Agent Firm:	
Signature of Authorized Agent or Employee of Agent:	Date: 06/26/2017
Name of Authorized Agent Employee:	
Title or position of Authorized Agent or Employee of Agent:	
Telephone number of Authorized Agent or Employee of Agent:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
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<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@unionwireless.com

<142> State

<143> County

<144> Tribal Land(s) on which ETC Serves

<145> Tribal Government Engagement Obligation

Name of Attached Document (.pdf)

If your company serves Tribal lands, please select (Yes, No, Not Applicable) for each of these boxes to confirm the status described on the attached PDF, on line 145, demonstrates coordination with the Tribal government pursuant to § 54.1004 includes:

- <146> Needs assessment and deployment planning with a focus on Tribal community anchor institutions;
- <147> Feasibility and sustainability planning;
- <148> Marketing services in a culturally sensitive manner;
- <149> Compliance with Rights of way processes
- <150> Compliance with Land Use permitting requirements
- <151> Compliance with Facilities Siting rules
- <152> Compliance with Environmental Review processes
- <153> Compliance with Cultural Preservation review processes
- <154> Compliance with Tribal Business and Licensing requirements.

Select (Yes, No, Not Applicable)

(090) Project Update Information

FCC Form 690

Approved by OMB

OMB Control No. 3060-1185

Page 6 of 8

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<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

<200>	Date Authorized to Receive Support	07/29/2013
<201>	Targeted Completion Date	07/30/2016
<202>	Total Mobility Fund Support Awarded	
<203>	Total Mobility Fund Support Disbursed	

<210>	Actual Completion Date	
<211>	Project Status Description (attached)	508001_Carbon WY-1_PSD.pdf (Name of PDF attached)

Please check these boxes below to confirm that the attached PDF, on line 211, contains a project status pursuant to §54.1005(b)(2)(v). The information shall be submitted as appropriate.

<212>	Status of Network Deployment - Network Design	<input checked="" type="checkbox"/>
<213>	Status of Network Deployment - Construction	<input checked="" type="checkbox"/>
<214>	Status of Network Deployment - Deployment	<input checked="" type="checkbox"/>
<215>	Status of Network Deployment - Maintenance	<input checked="" type="checkbox"/>
<216>	Project Budget Status	<input checked="" type="checkbox"/>
<217>	Project Plan Status	<input checked="" type="checkbox"/>

<218> Network will Support 3G/4G Mobile Service ? ☐ 3G ☒ 4G

<010>	Study Area Code	518001
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
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<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

Certification of Officer as to the Accuracy of the Data Reported for Mobility Fund Recipients

I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.

Name of Reporting Carrier: Union Telephone Company

Signature of Authorized Officer: CERTIFIED ONLINE

Date 06/26/2017

Printed name of Authorized Officer: Chris Reno

Title or position of Authorized Officer: Director of Accounting

Telephone number of Authorized Officer: 3077826131 ext.

Study Area Code of Reporting Carrier: 518001

Filing Due Date for this form: 07/03/2017

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

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TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

Certification of Officer to Authorize an Agent to File for Mobility Fund Recipients on Behalf of Reporting Carrier

I certify that (Name of Agent) _____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.

Name of Authorized Agent:

Name of Reporting Carrier:

Signature of Authorized Officer:

Date:

Printed name of Authorized Officer:

Title or position of Authorized Officer:

Telephone number of Authorized Officer:

Study Area Code of Reporting Carrier:

Filing Due Date for this form:

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized to File for Mobility Fund Recipients on Behalf of Reporting Carrier

I, as agent for the reporting carrier, certify that I am authorized to submit the reports for Mobility Fund recipients on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.

Name of Reporting Carrier:

Name of Authorized Agent Firm:

Signature of Authorized Agent or Employee of Agent:

Date: 06/26/2017

Name of Authorized Agent Employee:

Title or position of Authorized Agent or Employee of Agent

Telephone number of Authorized Agent or Employee of Agent:

Study Area Code of Reporting Carrier:

Filing Due Date for this form:

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

Attachments

FCC Form 690
Approved by OMB
OMB Control No. 3060-1185

<010>	Study Area Code	518001
<015>	Study Area Name	Union Telephone Company
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<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com
<140>	Coverage and Performance Report Year	06/2016 - 06/2017

[illegible]

Percentage of
Total Population
Reached by
Service

0

Percentage of Total
Road Miles covered
by Service

84



Study Area Code: 518001
Study Area Name: Carbon, WY
Program Year: 2016
Contact Person: Chris Reno
Contact Telephone Number: 307-782-6131
Contact Email: creno@unionwireless.com
Carrier Reference Name: Carbon-1

PROJECT STATUS DESCRIPTION

SECTION III: PROJECT BUDGET STATUS

Overlay Sites

- 5 each
 - New hardware Required
 - New Node B Base Station gear \$60,000 each
 - New Microwave gear for IP Backhaul \$ 150,000 each
 - Upgrades to tower antenna complex \$20,000 each
 - Labor to related projects \$50,000 each

Each overlay site estimated at \$300,000 cost each, total \$1,500,000 capital contribution

New Sites

- 5 each
 - New hardware Required
 - Tower installation
 - Leasing, zoning, permitting costs \$65,000 each
 - Tower site construction \$75,000 each
 - Tower Steel \$45,000 each
 - Lines, antennas, generators \$50,000 each
 - New Node B Base Station gear \$60,000 each
 - New Microwave gear for IP Backhaul \$50,000 each
 - Upgrades to tower antenna complex \$5,000 each
 - Labor to related projects \$50,000 each

Each overlay site estimated at \$400,000 cost each, for a \$2,000,000 total capital contribution for new sites.

Other related projects include 1 fiber to the site backhaul upgrade which will cost roughly \$350,000.

This totals roughly \$3.85 million in capital costs related to the build out.

Union is projecting incremental operating expenses for this site over 5 years to be \$4.29 million.



Study Area Code: 518001
Study Area Name: Carbon, WY
Program Year: 2016
Contact Person: Chris Reno
Contact Telephone Number: 307-782-6131
Contact Email: creno@unionwireless.com
Carrier Reference Name: Carbon-1

BUDGET STATUS -

Core Network and Middle Mile Backhaul Upgrades:	\$1,246,843.42
Carbon WY-1 3G HSPA+:	\$1,105,552.02
<hr/>	
Total Support Applied to Design/Construction/Deployment:	\$2,352,395.44 - ON BUDGET
Total Support Applied to Maintenance:	\$0 - ON BUDGET

FCC Form 690

Mobility Fund Phase 1-§54.1009 Annual Reporting

Line 041: Description of Documents filed with Form 481

The documents filed with FCC Form 481 in its Annual report include:

- Unfulfilled Service Requests (voice), if any.
- Service Quality Standards & Consumer Protection Rules Compliance.
- Functionality in Emergency Situations.
- Tribal Government Engagement Obligations.
- Voice Services Rate Comparability Certification.

FCC FORM 690

(060) COVERAGE AND PERFORMANCE REPORT

Union Telephone Company ("Union") completed the coverage/performance testing for this SAC during the reporting period. The drive test data and associated coverage files provided herein were provided in its Payment Request 3 Form 690 submitted for this SAC. Further, the covered eligible road miles per census block set forth in Line 141 herein is the same covered eligible road miles per census block reported in its Payment Request 3 Form 690 submitted for this SAC.

Mobility Fund
Phase 1 - §54.1009 Annual Reporting
Data Collection Form

FCC Form
Approved by OMB
OMB 3060-1185
Avg. Burden Estimate per Respondent: 18 Hours

<010> Study Area Code 518002
<015> Study Area Name Union Telephone Company
<020> Program Year 2017
<030> Contact Name: Person USAC should contact with questions about this data CHRIS RENO
<035> Contact Telephone Number: Number of the person identified in data line <030> 3077826131 ext.
<039> Contact Email: Email of the person identified in data line <030> creno@unionwireless.com

Accepted / Filed

JUN 27 2017

Federal Communications Commission
Office of the Secretary

<040> Has the information required pursuant to §54.1009 been provided with a Form 481 filing (Y/N) <040>



<041> Attach a description of the documents filed with the Form 481 reporting

<041>

508002-Line 041.pdf

<042> Cite the Study Area Code (SAC) for the Form 481 reporting

<042>

519905

<080> Tribal Lands Reporting (y/n?) (Does this study area cover tribal lands? Yes or No)



Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements)

Notice to Individuals Required by the Paperwork Reduction Act of 1995

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<020>	Program Year	2017
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<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@unionwireless.com

Reporting Carrier / Mobility Fund Phase 1 Winning Bidder

<110>	FCC Registration Number	1630201
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<112>	Winning Bidder Carrier Name	UNION TELEPHONE COMPANY
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<115>	State	WY
<116>	Zip-Code	82939
<117>	Telephone Number	3077826131 ext.
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Contact Information

if same as above, indicate in this box



<120>	Name (First, MI, Last, Suffix)	CHRIS RENO
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Authorized Agent Information

if no agent, indicate in this box



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FCC Form 690
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Page 3 of 8

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<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com
<140>	Coverage and Performance Report Year	06/2016 - 06/2017

Coverage and Performance attachments

[illegible]

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84

<010> Study Area Code	518002
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<020> Program Year	2017
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Signature of Authorized Officer:	CERTIFIED ONLINE Date 06/26/2017
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Title or position of Authorized Officer:	Director of Accounting
Telephone number of Authorized Officer:	3077826131 ext.
Study Area Code of Reporting Carrier:	518002 Filing Due Date for this form: 07/03/2017
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Name of Reporting Carrier:	
Signature of Authorized Officer or Employee:	Date:
Printed name of Authorized Officer or Employee:	
Title or position of Authorized Officer or Employee:	
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Name of Authorized Agent Firm:	
Signature of Authorized Agent or Employee of Agent:	Date: 06/26/2017
Name of Authorized Agent Employee:	
Title or position of Authorized Agent or Employee of Agent:	
Telephone number of Authorized Agent or Employee of Agent:	
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<142> State _____

<143> County _____

<144> Tribal Land(s) on which ETC Serves _____

<145> Tribal Government Engagement Obligation

Name of Attached Document (.pdf)

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- <153> Compliance with Cultural Preservation review processes
- <154> Compliance with Tribal Business and Licensing requirements.

Select (Yes, No, Not Applicable)

<010>	Study Area Code	518002
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	CHRIS RENO
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

<200>	Date Authorized to Receive Support	07/29/2013
<201>	Targeted Completion Date	07/30/2015
<202>	Total Mobility Fund Support Awarded	2293620.00
<203>	Total Mobility Fund Support Disbursed	764540.00

<210>	Actual Completion Date	07/29/2015
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<211>	Project Status Description (attached)	508002_Carbon WY-3_PSD.pdf
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{Name of PDF attached}

Please check these boxes below to confirm that the attached PDF, on line 211, contains a project status pursuant to §54.1005(b)(2)(v). The information shall be submitted as appropriate.

<212>	Status of Network Deployment - Network Design	✓
<213>	Status of Network Deployment - Construction	✓
<214>	Status of Network Deployment - Deployment	✓
<215>	Status of Network Deployment - Maintenance	✓
<216>	Project Budget Status	✓
<217>	Project Plan Status	✓

<218> Network will Support 3G/4G Mobile Service ? ☒ 3G ☐ 4G

(101) Certification - Reporting Carrier

FCC Form 690
Approved by OMB
OMB Control No. 3060-1185
Page 7 of 8

<010>	Study Area Code	518002
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	CHRIS RENO
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

Certification of Officer as to the Accuracy of the Data Reported for Mobility Fund Recipients

I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.

Name of Reporting Carrier: Union Telephone Company

Signature of Authorized Officer: CERTIFIED ONLINE

Date 06/26/2017

Printed name of Authorized Officer: Chris Reno

Title or position of Authorized Officer: Director of Accounting

Telephone number of Authorized Officer: 3077826131 ext.

Study Area Code of Reporting Carrier: 518002

Filing Due Date for this form: 07/03/2017

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

<010>	Study Area Code	518002
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	CHRIS RENO
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

Certification of Officer to Authorize an Agent to File for Mobility Fund Recipients on Behalf of Reporting Carrier

I certify that (Name of Agent) _____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.

Name of Authorized Agent:

Name of Reporting Carrier:

Signature of Authorized Officer:

Date:

Printed name of Authorized Officer:

Title or position of Authorized Officer:

Telephone number of Authorized Officer:

Study Area Code of Reporting Carrier:

Filing Due Date for this form:

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized to File for Mobility Fund Recipients on Behalf of Reporting Carrier

I, as agent for the reporting carrier, certify that I am authorized to submit the reports for Mobility Fund recipients on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.

Name of Reporting Carrier:

Name of Authorized Agent Firm:

Signature of Authorized Agent or Employee of Agent:

Date: 06/26/2017

Name of Authorized Agent Employee:

Title or position of Authorized Agent or Employee of Agent

Telephone number of Authorized Agent or Employee of Agent:

Study Area Code of Reporting Carrier:

Filing Due Date for this form:

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

Attachments

FCC Form 690
Approved by OMB
OMB Control No. 3060-1185

<141>

Percentage of
Total Population
Reached by
Service

0

84

FCC Form 690

Mobility Fund Phase 1-§54.1009 Annual Reporting

Line 041: Description of Documents filed with Form 481

The documents filed with FCC Form 481 in its Annual report include:

- Unfulfilled Service Requests (voice), if any.
- Service Quality Standards & Consumer Protection Rules Compliance.
- Functionality in Emergency Situations.
- Tribal Government Engagement Obligations.
- Voice Services Rate Comparability Certification.



Study Area Code: 518002
Study Area Name: Carbon, WY
Program Year: 2016
Contact Person: Chris Reno
Contact Telephone Number: 307-782-6131
Contact Email: creno@unionwireless.com
Carrier Reference Name: Carbon WY-3

PROJECT STATUS DESCRIPTION

SECTION III: PROJECT BUDGET STATUS

o New hardware Required

Overlay Sites • 4 each

- New Node B Base Station gear \$60,000 each
- New Microwave gear for IP Backhaul \$ 150,000 each
- Upgrades to tower antenna complex \$20,000 each
- Labor to related projects \$50,000 each

Each overlay site estimated at \$300,000 cost each, total \$1,200,000 capital contribution

New Sites • 1 each

o New hardware Required

- Tower installation
 - Leasing, zoning, permitting costs \$65,000 each
 - Tower site construction \$75,000 each
 - Tower Steel \$45,000 each
 - Lines, antennas, generators \$50,000 each
- New Node B Base Station gear \$60,000 each
- New Microwave gear for IP Backhaul \$50,000 each
- Upgrades to tower antenna complex \$5,000 each
- Labor to related projects \$50,000 each

Each overlay site estimated at \$400,000 cost each, for a \$400,000 total capital contribution for new sites.

This totals roughly \$1.6 million in capital costs related to the build out.

Union is projecting incremental operating expenses for this site over 5 years to be \$1.95 million.



Study Area Code: 518002
Study Area Name: Carbon, WY
Program Year: 2016
Contact Person: Chris Reno
Contact Telephone Number: 307-782-6131
Contact Email: creno@unionwireless.com
Carrier Reference Name: Carbon WY-3

BUDGET STATUS -

Core Network and Middle Mile Backhaul Upgrades:	\$ 1,246,843.42
Carbon WY-3 3G HSPA+:	\$598,558.11
Total Support Applied to Design/Construction/Deployment:	\$1,964,152.24 - OVER BUDGET

Total Support Applied to Maintenance:	\$291,000 - ON BUDGET
---------------------------------------	------------------------------



Study Area Code: 518002
Study Area Name: Carbon, WY
Program Year: 2016
Contact Person: Chris Reno
Contact Telephone Number: 307-782-6131
Contact Email: creno@unionwireless.com
Carrier Reference Name: Carbon WY-3

PROJECT STATUS DESCRIPTION

SECTION I: DESCRIPTION OF OVERALL PROJECT PLAN

• 3G RNC/MSC/GGSN/SGSN PLUS 4G EPC

In order to launch this system, the necessary 3G and 4G core network needed to be completed and turned operational. This system totals roughly \$3.4 million in network core equipment, which will be shared across all 6 census tracts granted funding to Union Telephone Company in the FCC 901 Mobility Fund.

The core is located in Cheyenne, Wyoming and is fed via dual OC12 networks, giving full redundancy and capacity to support all tower sites related to this project and other network growth on the Union Wireless network. Additional OC12's are already planned as demand increases and also to provide carrier diversity in case of an outage on one particular carriers' network.

STATUS - This portion of the project is complete. Please refer to Section II for more details on the status of the network deployment.

. MIDDLE MILE BACKHAUL

In addition, Union is upgrading its middle mile capabilities in key sections of Wyoming that will allow adequate backhaul facilities to its new 3G and 4G network core.

The first of these upgrades is located in Carbon County, WY between the towns of Hanna and Saratoga. This project connects two new service providers and allow connectivity into several key remote offices within Union Telephone Company's network.

STATUS - This portion of the project is complete. Please refer to Section II for more details on the status of the network deployment.

The second middle mile upgrade was determined to be necessary after 3G/4G deployments in and around the FCC Mobility Fund Phase I deployments starting becoming accessible to consumers. The steep uptake in data services required further upgrades from Rawlins north to the towns of Casper and Riverton to maintain the long-term data speed requirements across all six census tracts as required by fund.

Study Area Code: 518002



Study Area Name: Carbon, WY
Program Year: 2016
Contact Person: Chris Reno
Contact Telephone Number: 307-782-6131
Contact Email: creno@unionwireless.com
Carrier Reference Name: Carbon WY-3

STATUS - This portion of the project is under construction. Please refer to Section II for more details on the status of the network deployment.

- CARBON WY-3 (T56007968100) 3G HSPA+

This project consists of four overlays on Union Telephone facilities, and one new tower on BLM lands.

TYPE OF BACKHAUL - Given the remote nature of sites in and around Wyoming, Union Wireless is using licensed microwave wherever feasible and unlicensed microwave if no available licenses are capable of being obtained. We are targeting at least 25 Mbps of IP backhaul to each cell tower.

SPECTRUM - In this market, we are using a combination of 850 MHz and 1900 MHz to ensure we stay within current CGSA boundaries. All 850 MHz sites fall within existing CGSA boundaries and do not affect existing Union filings, as the intention is to keep GSM fully operational alongside UMTS.

KEY RISKS OR CHALLENGES -The largest risk is unknown aspects of terrain in the region and the ability to get coverage into some of the shadowed areas. This was one reason why HSPA+ technology was selected over LTE, given the much more clear understanding on how to operate and optimize this type of network. HSPA+ has also been chosen in order to ensure data speeds meet or exceed the requirements but also that the voice aspects are also solid in the area as well.

STATUS - This portion of the project is complete.

[illegible]

Study Area Code: 518002

Study Area Name: Carbon, WY Program Year: 2016 Contact Person: Chris

Reno Contact Telephone Number: 307-782-6131 Contact Email:

creno@unionwireless.com Carrier Reference Name: Carbon-3



PROJECT STATUS DESCRIPTION

SECTION III: PROJECT BUDGET STATUS

o New hardware Required

Overlay Sites • 4 each

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Union

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Study Area Name: Carbon, WY
Program Year: 2016
Contact Person: Chris Reno
Contact Telephone Number: 307-782-6131
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Carrier Reference Name: Carbon-3

BUDGET STATUS -

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Total Support Applied to Design/Construction/Deployment:	\$1,964,152.24 - OVER BUDGET
 Total Support Applied to Maintenance:	 \$291,000 - ON BUDGET

FCC FORM 690

(060) COVERAGE AND PERFORMANCE REPORT

Union Telephone Company ("Union") completed the coverage/performance testing for this SAC during the reporting period. The drive test data and associated coverage files provided herein were provided in its Payment Request 3 Form 690 submitted for this SAC. Further, the covered eligible road miles per census block set forth in Line 141 herein is the same covered eligible road miles per census block reported in its Payment Request 3 Form 690 submitted for this SAC.